

IN THE CLAIMS:

Claim 1 (Currently Amended): A sheet folding apparatus comprising:

a sheet folding unit which can apply at least letter folding on a sheet; and

a folding mode selecting device which can selectively cause the sheet folding unit to operate in a letter folding mode[.],

wherein a plurality of modes of folding can be applied on the sheet by a single sheet path.

Claim 2 (Original) The sheet folding apparatus according to claim 1, further comprising a control device which controls the sheet folding unit in accordance with a folding mode selected by the folding mode selecting device.

Claim 3 (Original) The sheet folding apparatus according to claim 1,
wherein the letter folding includes at least one of letter C-folding and letter Z-folding.

Claim 4. (Original) The sheet folding apparatus according to claim 1,
wherein the sheet folding unit comprises a plurality of folding mechanisms in a sheet path.

Claim 5. (Original) The sheet folding apparatus according to claim 4,
wherein at least one of the folding mechanisms comprises a folding position
changing mechanism which can change a sheet folding position.

Claim 6. (Original) The sheet folding apparatus according to claim 4,
wherein, among the folding mechanisms, an upstream folding mechanism
comprises a skew correcting mechanism which applies skew correction on the sheet.

Claim 7. (Original) The sheet folding apparatus according to claim 4,
wherein at least one of the folding mechanisms comprises: a folding member which
is disposed in a sheet path to nip-transport the sheet; a transport member which is
disposed in the sheet path upstream from the folding member to nip-transport the sheet;
and a tip end guide member which is disposed in the sheet path upstream from the folding
member to restrict a position of a tip end of the sheet.

Claim 8. (Original) The sheet folding apparatus according to claim 7,
wherein the folding mechanism comprises a folding position changing mechanism
which moves the tip end guide member that is movable, to enable a sheet folding position
to be changed.

Claim 9. (Original) The sheet folding apparatus according to claim 7,

wherein, in the folding mechanism, a skew correcting mechanism which applies skew correction on the sheet is configured by the transport member which can perform nipping and releasing operations, and the tip end guide member.

Claim 10. (Original) The sheet folding apparatus according to claim 9,

wherein, after a tip end of the sheet butts against the tip end guide member, the skew correcting mechanism causes the transport member to transport the sheet by a short distance to form a loop on a side of the tip end of the sheet, and thereafter causes the transport member to perform the releasing operation.

Claim 11. (Original) The sheet folding apparatus according to claim 9,

wherein a feeding mechanism nips the sheet that has subjected to skew correction by the skew correcting mechanism, by the transport member, then sets a transportation speed of the transport member to a speed which is equal to or lower than a speed of the folding member, and feeds the sheet that has been subjected to skew correction to the folding member.

Claim 12 (Withdrawn) A sheet folding apparatus comprising:

a sheet folding unit which can apply at least both Z-folding and letter folding on a sheet; and

a folding mode selecting device which can selectively cause the sheet folding unit to operate in either of folding modes.

Claim 13 (Withdrawn) The sheet folding apparatus according to claim 12, further comprising a control device which controls the sheet folding unit in accordance with a folding mode selected by the folding mode selecting device.

Claim 14 (Withdrawn) The sheet folding apparatus according to claim 12, wherein the letter folding includes at least one of letter C-folding and letter Z-folding.

Claim 15 (Withdrawn) The sheet folding apparatus according to claim 12, wherein the sheet folding unit performs Z-folding and letter folding on a sheet, by using a common folding mechanism.

Claim 16 (Currently Amended) A sheet processing apparatus comprising:

a sheet folding apparatus including;

a sheet folding unit which can apply at least letter folding on a sheet; and

a folding mode selecting device which can selectively cause the sheet folding unit to operate in a letter folding mode[.],

wherein a plurality of modes of folding can be applied on the sheet by a single sheet path.

Claim 17 (Withdrawn) A sheet processing apparatus comprising:

a sheet folding apparatus including a sheet folding unit which can apply at least both Z-folding and letter folding on a sheet, and a folding mode selecting device which can selectively cause the sheet folding unit to operate in either of folding modes.

Claim 18. (Original) The sheet processing apparatus according to claim 16, further comprising a sheet folding postprocessing apparatus which applies a predetermined postprocess on a sheet that has been subjected to a folding process by the sheet folding apparatus.

Claim 19. (Original) The sheet processing apparatus according to claim 18, further comprising a control device which controls at least the sheet folding apparatus and the sheet folding postprocessing apparatus in accordance with a postprocessing mode applied on the sheet.

Claim 20. (Original) The sheet processing apparatus according to claim 19, wherein the control device houses a letter-folded sheet into a sheet accommodating device in the sheet folding apparatus, under conditions of performing a letter folding process on the sheet by the sheet folding apparatus.

Claim 21. (Original) The sheet processing apparatus according to claim 19, wherein the control device guides a folded sheet to the sheet folding postprocessing apparatus, under conditions of performing Z-folding other than letter folding on the sheet by the sheet folding apparatus.

Claim 22 (Withdrawn) The sheet processing apparatus according to claim 17, further comprising a sheet folding postprocessing apparatus which applies a predetermined postprocess on a sheet that has been subjected to a folding process by the sheet folding apparatus.

Claim 23 (Withdrawn) The sheet processing apparatus according to claim 22, further comprising a control device which controls at least the sheet folding apparatus and the sheet folding postprocessing apparatus in accordance with a postprocessing mode applied on the sheet.

Claim 24 (Withdrawn) The sheet processing apparatus according to claim 23, wherein the control device houses a letter-folded sheet into a sheet accommodating device in the sheet folding apparatus, under conditions of performing a letter folding process on the sheet by the sheet folding apparatus.

Claim 25 (Withdrawn) The sheet processing apparatus according to claim 23, wherein the control device guides a folded sheet to the sheet folding postprocessing apparatus, under conditions of performing Z-folding other than letter folding on the sheet by the sheet folding apparatus.

Claim 26 (Withdrawn) A sheet processing apparatus comprising:

an image forming apparatus which applies an image forming process on a sheet; and
a sheet postprocessing apparatus which includes a sheet folding apparatus having a sheet folding unit that can apply at least letter folding on a sheet and a folding mode selecting device that can selectively cause the sheet folding unit to operate in a letter folding mode, and which applies a predetermined postprocess on the sheet that has been subjected to the image forming process by the image forming apparatus.

Claim 27 (Withdrawn) A sheet processing apparatus comprising:

an image forming apparatus which applies an image forming process on a sheet; and

a sheet postprocessing apparatus which includes a sheet folding apparatus having a sheet folding unit that can apply at least both Z-folding and letter folding on a sheet and a folding mode selecting device that can selectively cause the sheet folding unit to operate in either of folding modes, and which applies a predetermined postprocess on the sheet that has been subjected to the image forming process by the image forming apparatus.

Claim 28 (Withdrawn) The sheet processing apparatus according to claim 26, further comprising a control device which controls the image forming apparatus and the sheet postprocessing apparatus in accordance with a process mode applied on the sheet.

Claim 29 (Withdrawn) The sheet processing apparatus according to claim 27, further comprising a control device which controls the image forming apparatus and the sheet postprocessing apparatus in accordance with a process mode applied on the sheet.

Claim 30 (Withdrawn) An image forming apparatus connectable to a sheet folding apparatus which can apply at least letter folding on a sheet, the image forming apparatus comprising:

a folding mode selecting device which can select a folding mode of the sheet folding apparatus.

Claim 31. (New) The sheet folding apparatus according to claim 1,
wherein the plurality of modes of folding include letter C-folding, letter Z-folding
and size A3 Z-folding.

Claim 32. (New) The sheet folding apparatus according to claim 1, wherein the sheet
folding unit includes a plurality of folding mechanisms in the sheet path,

at least one of the folding mechanisms includes:

a folding member which is disposed in the sheet path to nip-transport the sheet;

a transport member which is disposed in the sheet path upstream from the folding
member to nip-transport the sheet; and

a tip end guide member which is disposed in the sheet path upstream from the
folding member to restrict a position of a tip end of the sheet,

a plurality of modes of folding can be applied on the sheet by moving the tip end
guide member that is movable.

Claim 33. (New) The sheet folding apparatus comprising:

a sheet folding unit which can apply at least letter folding on a sheet, and

a folding mode selecting devise which can selectively cause the sheet folding unit
to operate in a letter folding mode,

wherein the sheet folding unit includes a plurality of folding mechanisms in a sheet path,

at least one of the folding mechanisms includes:

a folding member which is disposed in the sheet path to nip-transport the sheet;

a transport member which is disposed in the sheet path upstream from the folding member to nip-transport the sheet; and

a tip end guide member which is disposed in the sheet path upstream from the folding member to restrict a position of a tip end of the sheet,

a plurality of modes of folding can be applied on the sheet by moving the tip end guide member that is movable.